

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-28-2009

Record Selected for Analysis

WMYS-LP USERRECORD-01 SOUTH BEND IN US
Channel 34 ERP 150. kW HAAT 338. m RCAMSL 00563 m
Latitude 041-36-55 Longitude 0086-11-07
Status APP Zone 1 Border Offset -
Dir Antenna Make CDB Model 00000000019129 Beam tilt N Ref Azimuth 335.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	138.240	331.3	42.8
45.0	77.760	333.7	39.2
90.0	24.000	320.0	31.2
135.0	34.560	309.4	33.1
180.0	35.284	310.5	33.2
225.0	29.040	303.3	31.7
270.0	92.434	325.7	40.0
315.0	144.060	337.6	43.4

NOTES:

- THE APPLICANT, WEIGEL BROADCASTING COMPANY, LICENSEE OF WMYS-LP, HEREBY AGREES TO ACCEPT THE INTERFERENCE PREDICTED FROM WHTV-DT, JACKSON, MICHIGAN, CHANNEL 34 (FCC FILE NO. BPCDT-20080620AGY).
- ON MAY 15, 2008 THE FCC GRANTED THE EARLY TERMINATION REQUEST OF MICHIANA PUBLIC BROADCASTING CORPORATION TO TERMINATE OPERATIONS OF WNIT(TV), SOUTH BEND, INDIANA, CHANNEL 34 (SEE FCC FILE NO. BLSTA-20080307ACQ). THE ANALOG OPERATION OF WNIT(TV) ON CHANNEL 34 WAS TERMINATED EFFECTIVE JUNE 5, 2008. OBSERVATIONS BY LOCAL ENGINEERS OF WEIGEL BROADCASTING COMPANY HAVE VERIFIED THAT WNIT(TV) ANALOG OPERATIONS ON CHANNEL 34 HAVE BEEN TERMINATED. THEREFORE, NO INTERFERENCE ANALYSIS HAS BEEN INCLUDED WITH RESPECT TO THE WNIT(TV) ANALOG FACILITY ON CHANNEL 34.

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Contour overlap to station			
KQIN	34 DAVENPORT	IA BPEDT	20080620AIO
Contour overlap to station			
WHTV	34 JACKSON	MI BMPCDT	20070125ACI
Contour overlap to station			
WCET	34 CINCINNATI	OH BLEDT	20061031AAR
Contour overlap to station			
WISN-TV	34 MILWAUKEE	WI BLCDT	20050412ADP
Station inside contour of station			
WNIT	35 SOUTH BEND	IN BLEDT	20040106ABJ

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station			
WEDE-CA	34 ARLINGTON HEIGHTS	IL BLTTA	20050308AAS
Contour overlap to station			
WEDE-CA	34 ARLINGTON HEIGHTS	IL BSTA	20040603ACT
Contour overlap to station			
WEDE-CA	34 ARLINGTON HEIGHTS	IL BDFCDTA	20081014AAM

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station			
WEDE-CA	34 ARLINGTON HEIGHTS	IL BSTA20040603ACT	causes
Contour overlap to station			
WMYS-LP	34 SOUTH BEND	IN USERRECORD01	

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 254.4km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.64km from AM station

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

SOUTH BEND IN WSBT Status: L Antenna: DA2

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
34	WMYS-LP	SOUTH BEND IN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KQIN	DAVENPORT IA	350.9	CP	BPEDT	-20080620AIO
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	LIC	BLTTA	-20050308AAS
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	STA	BSTA	-20040603ACT
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	CP	BDFCDTA	-20081014AAM
34	WHTV	JACKSON MI	190.9	CP MOD	BMPCDT	-20070125ACI
34	WCET	CINCINNATI OH	310.6	LIC	BLEDT	-20061031AAR
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDT	-20050412ADP
35	WNIT	SOUTH BEND IN	0.4	LIC	BLEDT	-20040106ABJ

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	KQIN	DAVENPORT IA	BPEDT	-20080620AIO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KTVO	KIRKSVILLE MO	193.8	LIC	BLCDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	193.8	PLN	DTVPLN	-DTVP1216
34	KEFB	AMES IA	288.8	PLN	DTVPLN	-DTVP1246
34	KEFB	AMES IA	288.8	CP	BPEDT	-20080808ABH
34	WQEC	QUINCY IL	167.7	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	167.7	PLN	DTVPLN	-DTVP1250
34	WISN-TV	MILWAUKEE WI	284.1	PLN	DTVPLN	-DTVP1275
34	WISN-TV	MILWAUKEE WI	284.1	LIC	BLCDT	-20050412ADP
35	KRIN	WATERLOO IA	165.7	LIC	BLEDT	-20050218ABQ
35	KRIN	WATERLOO IA	165.7	PLN	DTVPLN	-DTVP1287
34	WMYS-LP	SOUTH BEND IN	350.9	APP	USERRECORD-01	

Total scenarios = 8

Result key:

1

Scenario 1 Affected station

1 KQIN

Before Analysis

Results for: 34A IA DAVENPORT BPEDT 20080620AIO CP

HAAT 233.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	632809	17520.4
not affected by terrain losses	632321	17499.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	565	45.3
lost to ATV IX only	565	45.3
lost to all IX	565	45.3

Potential Interfering Stations Included in above Scenario 1

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

34A IL QUINCY BLEDT 20040715ADL LIC
34A WI MILWAUKEE DTVPLN DTVP1275 PLN

After Analysis

Results for: 34A IA DAVENPORT BPEDT 20080620AIO CP
HAAT 233.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	632809	17520.4
not affected by terrain losses	632321	17499.7
lost to NTSC IX	3	3.9
lost to additional IX by ATV	562	41.3
lost to ATV IX only	565	45.3
lost to all IX	565	45.3

Potential Interfering Stations Included in above Scenario 1

34A IL QUINCY BLEDT 20040715ADL LIC
34A WI MILWAUKEE DTVPLN DTVP1275 PLN
34N IN SOUTH BEND USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WEDE-CA	ARLINGTON HEIGHTS IL	BLTTA -20050308AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP0991
27	WCIU-TV	CHICAGO IL	0.0	CP MOD	BMPCDT	-20090105ACO
31	WFLD	CHICAGO IL	0.0	CP	BPCDT	-20080616AAN
31	WFLD	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1136
31	WFLD	CHICAGO IL	0.0	LIC	BLCDT	-20050606ABF
33	NEW	CHICAGO IL	2.5	APP	BDCCDTL	-20061030ASM
33	WOHO-CA	HOLLAND MI	173.0	CP	BDFCDTA	-20060330AMF
33	WOHO-CA	HOLLAND MI	173.0	APP	BMPDTA	-20080804ADV
34	KQIN	DAVENPORT IA	236.6	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	236.6	PLN	DTVPLN	-DTVP1247
34	W34DL	CHAMPAIGN IL	196.0	LIC	BLTT	-20050921AHY
34	W34DL	CHAMPAIGN IL	196.0	CP	BDFCDTT	-20060221ACF
34	WQEC	QUINCY IL	373.8	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	373.8	PLN	DTVPLN	-DTVP1250
34	WIPX-LP	INDIANAPOLIS IN	248.8	CP	BDISDTL	-20060323AHQ
34	WHTV	JACKSON MI	282.7	APP	BPCDT	-20080620AGY
34	WHTV	JACKSON MI	263.4	PLN	DTVPLN	-DTVP1253
34	WHTV	JACKSON MI	282.7	CP MOD	BMPCDT	-20070125ACI
34	WISN-TV	MILWAUKEE WI	139.1	PLN	DTVPLN	-DTVP1275
34	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDT	-20050412ADP
35	WFBN-LP	ROCKFORD IL	125.9	CP	BDCCDTL	-20061027AFR
35	WNIT	SOUTH BEND IN	123.6	APP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	123.6	PLN	DTVPLN	-DTVP1288
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT	-20040106ABJ
36	WJYS	HAMMOND IN	0.0	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	0.0	PLN	DTVPLN	-DTVP1323
36	WJYS	HAMMOND IN	0.0	CP	BPCDT	-20080619AIZ

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

38	WGBO-TV	JOLIET IL	2.5	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	2.5	PLN	DTVPLN	-DTVP1360
41	WIFR	FREEDPORT IL	134.8	PLN	DTVPLN	-DTVP1468
41	WIFR-DR	FREEDPORT IL	134.8	APP	BPRM	-20080620AOH
41	WIFR	FREEDPORT IL	134.8	LIC	BLCDT	-20041012AIQ
41	WIFR	FREEDPORT IL	134.8	CP MOD	BMPCDT	-20081110ADQ
41	WIFR	FREEDPORT IL	134.8	CP MOD	BMPCDT	-20050103AFQ
42	WQRF-TV	ROCKFORD IL	134.5	CP MOD	BMPCDT	-20070207ABW
42	WQRF-TV	ROCKFORD IL	134.1	PLN	DTVPLN	-DTVP1498
42	WNDU-TV	SOUTH BEND IN	121.9	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	121.9	PLN	DTVPLN	-DTVP1501
42	WNDU-TV	SOUTH BEND IN	121.9	APP	BPCDT	-20080619AAB
48	WHME-TV	SOUTH BEND IN	126.4	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	126.4	PLN	DTVPLN	-DTVP1709
48	WHME-TV	SOUTH BEND IN	126.4	APP	BPCDT	-20080619ABC
48	WBME-TV	RACINE WI	136.1	PLN	DTVPLN	-DTVP1728
48	WBME-TV	RACINE WI	109.8	LIC	BMLCDT	-20070823AED
48	WBME-TV	RACINE WI	139.1	CP MOD	BMPCDT	-20080620ACE
49	NEW	CHICAGO IL	2.5	APP	BSFDTL	-20060630CYR
49	WOCH-CA	CHICAGO IL	2.5	CP	BDISDTA	-20080605ABA
49	NEW	CHICAGO IL	0.0	APP	BSFDTL	-20060630AUQ
49	WBND-LD	SOUTH BEND IN	123.8	LIC	BLDTL	-20071012ATA
49	WAAA-LP	WESTVILLE IN	64.5	LIC	BLTTL	-20070621AAG
34	WMYS-LP	SOUTH BEND IN	123.8	APP	USERRECORD-01	

Total scenarios = 18

Result key: 11
 Scenario 3 Affected station 2 WEDE-CA
 Before Analysis

Results for: 34N IL ARLINGTON HEIGHTS BLTTA 20050308AAS LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 3508580 1706.0
 not affected by terrain losses 3508580 1706.0
 lost to NTSC IX 10936 2.9
 lost to additional IX by ATV 103955 32.3
 lost to all IX 114891 35.2

Potential Interfering Stations Included in above Scenario 3

34N IL CHAMPAIGN	BLTT	20050921AHY	LIC
27A IL CHICAGO	BMPCDT	20090105ACO	CP
31A IL CHICAGO	DTVPLN	DTVP1136	PLN
34A WI MILWAUKEE	DTVPLN	DTVP1275	PLN
36A IN HAMMOND	BPCDT	20080619AIZ	CP
38A IL JOLIET	BMPCDT	20080618AEI	CP

After Analysis

Results for: 34N IL ARLINGTON HEIGHTS BLTTA 20050308AAS LIC
 POPULATION AREA (sq km)
 within Noise Limited Contour 3508580 1706.0
 not affected by terrain losses 3508580 1706.0
 lost to NTSC IX 50642 23.5
 lost to additional IX by ATV 70851 17.6
 lost to all IX 121493 41.1

Potential Interfering Stations Included in above Scenario 3

34N IL CHAMPAIGN	BLTT	20050921AHY	LIC
27A IL CHICAGO	BMPCDT	20090105ACO	CP
31A IL CHICAGO	DTVPLN	DTVP1136	PLN
34A WI MILWAUKEE	DTVPLN	DTVP1275	PLN
36A IN HAMMOND	BPCDT	20080619AIZ	CP

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

49	WOCH-CA	CHICAGO IL	2.5	CP	BDISDTA	-20080605ABA
49	NEW	CHICAGO IL	0.0	APP	BSFDTL	-20060630AUQ
49	WBND-LD	SOUTH BEND IN	123.8	LIC	BLDTL	-20071012ATA
49	WAAA-LP	WESTVILLE IN	64.5	LIC	BLTTL	-20070621AAG
34	WMYS-LP	SOUTH BEND IN	123.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WEDE-CA	ARLINGTON HEIGHTS IL	BDFCDTA -20081014AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	NEW	CHICAGO IL	2.5	APP	BDCCDTL -20061030ASM
33	W50DD	PEORIA IL	218.3	CP	BDISDTT -20060328ABW
33	WOHO-CA	HOLLAND MI	173.0	CP	BDFCDTA -20060330AMF
33	WOHO-CA	HOLLAND MI	173.0	APP	BMPDTA -20080804ADV
34	KQIN	DAVENPORT IA	236.6	CP	BPEDT -20080620AIO
34	KQIN	DAVENPORT IA	236.6	PLN	DTVPLN -DTVP1247
34	W34DL	CHAMPAIGN IL	196.0	CP	BDFCDTT -20060221ACF
34	WQEC	QUINCY IL	373.8	LIC	BLEDT -20040715ADL
34	WQEC	QUINCY IL	373.8	PLN	DTVPLN -DTVP1250
34	WIPX-LP	INDIANAPOLIS IN	248.8	CP	BDISDTL -20060323AHQ
34	WBKI-LD	LOUISVILLE KY	419.7	CP	BDCCDTL -20061030AKV
34	WHTV	JACKSON MI	282.7	APP	BPCDT -20080620AGY
34	WHTV	JACKSON MI	263.4	PLN	DTVPLN -DTVP1253
34	WHTV	JACKSON MI	282.7	CP MOD	BMPCDT -20070125ACI
34	WISN-TV	MILWAUKEE WI	139.1	PLN	DTVPLN -DTVP1275
34	WISN-TV	MILWAUKEE WI	139.1	LIC	BLCDT -20050412ADP
35	WFBN-LP	ROCKFORD IL	125.9	CP	BDCCDTL -20061027AFR
35	WNIT	SOUTH BEND IN	123.6	APP	BPEDT -20081103ACU
35	WNIT	SOUTH BEND IN	123.6	PLN	DTVPLN -DTVP1288
35	WNIT	SOUTH BEND IN	123.6	LIC	BLEDT -20040106ABJ
34	WMYS-LP	SOUTH BEND IN	123.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WHTV	JACKSON MI	BMPCDT -20070125ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	WCET	CINCINNATI OH	396.4	PLN	DTVPLN -DTVP1263
34	WCET	CINCINNATI OH	396.4	LIC	BLEDT -20061031AAR
34	WQHS-TV	CLEVELAND OH	264.2	LIC	BLCDT -20031030AGJ
34	WQHS-TV	CLEVELAND OH	264.2	PLN	DTVPLN -DTVP1264
34	WISN-TV	MILWAUKEE WI	293.0	PLN	DTVPLN -DTVP1275
34	WISN-TV	MILWAUKEE WI	293.0	LIC	BLCDT -20050412ADP
35	WNIT	SOUTH BEND IN	191.3	APP	BPEDT -20081103ACU
35	WNIT	SOUTH BEND IN	191.3	PLN	DTVPLN -DTVP1288
35	WNIT	SOUTH BEND IN	191.3	LIC	BLEDT -20040106ABJ
34	WMYS-LP	SOUTH BEND IN	190.9	APP	USERRECORD-01

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WCET	CINCINNATI OH	BLEDT -20061031AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WSTR-TV	CINCINNATI OH	8.5	PLN	DTVPLN -DTVP1221
33	WSTR-TV	CINCINNATI OH	8.5	CP MOD	BMPCDT -20070720AAM
33	WSTR-TV	CINCINNATI OH	8.5	APP	BMPCDT -20080620AHH
34	WSIL-TV	HARRISBURG IL	414.6	CP MOD	BMPCDT -20080317AEU
34	WSIL-TV	HARRISBURG IL	414.6	PLN	DTVPLN -DTVP1249
34	WHTV	JACKSON MI	396.4	APP	BPCDT -20080620AGY
34	WHTV	JACKSON MI	366.4	PLN	DTVPLN -DTVP1253
34	WHTV	JACKSON MI	396.4	CP MOD	BMPCDT -20070125ACI
34	WQHS-TV	CLEVELAND OH	346.7	LIC	BLCDT -20031030AGJ
34	WQHS-TV	CLEVELAND OH	346.7	PLN	DTVPLN -DTVP1264
34	WTNZ	KNOXVILLE TN	350.6	LIC	BMLCDT -20040706ABG
34	WTNZ	KNOXVILLE TN	350.6	PLN	DTVPLN -DTVP1270
34	WTNZ	KNOXVILLE TN	350.6	CP	BPCDT -20080619ABZ
34	WPBY-TV	HUNTINGTON WV	212.8	CP	BPEDT -20080619ACN
34	WPBY-TV	HUNTINGTON WV	212.8	PLN	DTVPLN -DTVP1276
34	WPBY-TV	HUNTINGTON WV	212.8	LIC	BLEDT -20040211AAL
35	WLWT	CINCINNATI OH	0.0	LIC	BLCDT -20050502ABC
35	WLWT	CINCINNATI OH	0.0	PLN	DTVPLN -DTVP1300
34	WMYS-LP	SOUTH BEND IN	310.6	APP	USERRECORD-01

Total scenarios = 30

Result key: 52
Scenario 26 Affected station 6 WCET
Before Analysis

Results for: 34A OH CINCINNATI BLEDT 20061031AAR LIC

HAAT 326.0 m, ATV ERP 400.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3002555	23758.9
not affected by terrain losses	2983642	23507.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15867	198.6
lost to ATV IX only	15867	198.6
lost to all IX	15867	198.6

Potential Interfering Stations Included in above Scenario 26

33A OH CINCINNATI	BMPCDT	20080620AHH	APP
34A MI JACKSON	DTVPLN	DTVP1253	PLN
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC
34A TN KNOXVILLE	BPCDT	20080619ABZ	CP
34A WV HUNTINGTON	DTVPLN	DTVP1276	PLN

After Analysis

Results for: 34A OH CINCINNATI BLEDT 20061031AAR LIC

HAAT 326.0 m, ATV ERP 400.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3002555	23758.9
not affected by terrain losses	2983642	23507.6

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

lost to NTSC IX	623	5.0
lost to additional IX by ATV	15276	196.7
lost to ATV IX only	15867	198.6
lost to all IX	15899	201.6

Potential Interfering Stations Included in above Scenario 26

33A OH CINCINNATI	BMPCDT	20080620AHH	APP
34A MI JACKSON	DTVPLN	DTVP1253	PLN
34A OH CLEVELAND	BLCDT	20031030AGJ	LIC
34A TN KNOXVILLE	BPCDT	20080619ABZ	CP
34A WV HUNTINGTON	DTVPLN	DTVP1276	PLN
34N IN SOUTH BEND	USERRECORD01		APP

Percent new IX = 0.0011%

Worst case new IX 0.0011% Scenario 26

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WISN-TV	MILWAUKEE WI	BLCDT	-20050412ADP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI	MILWAUKEE WI	3.5	PLN	DTVPLN	-DTVP1234
33	WITI	MILWAUKEE WI	2.6	CP MOD	BMPCDT	-20080620ANH
33	WITI	MILWAUKEE WI	3.4	APP	BMPCDT	-20081204ADM
34	KQIN	DAVENPORT IA	284.1	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	284.1	PLN	DTVPLN	-DTVP1247
34	WHTV	JACKSON MI	293.0	APP	BPCDT	-20080620AGY
34	WHTV	JACKSON MI	288.2	PLN	DTVPLN	-DTVP1253
34	WHTV	JACKSON MI	293.0	CP MOD	BMPCDT	-20070125ACI
35	WNIT	SOUTH BEND IN	219.4	APP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	219.4	PLN	DTVPLN	-DTVP1288
35	WNIT	SOUTH BEND IN	219.4	LIC	BLEDT	-20040106ABJ
35	WMVT	MILWAUKEE WI	2.6	CP	BPEDT	-20090310ADX
35	WMVT	MILWAUKEE WI	2.6	PLN	DTVPLN	-DTVP1308
35	WMVT	MILWAUKEE WI	2.6	LIC	BLEDT	-20041207AAK
34	WMYS-LP	SOUTH BEND IN	219.4	APP	USERRECORD-01	

Total scenarios = 15

Result key: 60

Scenario 4 Affected station 7 WISN-TV

Before Analysis

Results for: 34A WI MILWAUKEE BLCDT 20050412ADP LIC

HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2678111	23475.6
not affected by terrain losses	2661414	23322.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6889	434.1
lost to ATV IX only	6889	434.1
lost to all IX	6889	434.1

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	BMPCDT	20080620ANH	CP
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Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	BPEDT	20090310ADX	CP

After Analysis

Results for: 34A WI MILWAUKEE BLCDT 20050412ADP LIC
 HAAT 263.0 m, ATV ERP 863.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2678111	23475.6
not affected by terrain losses	2661414	23322.7
lost to NTSC IX	1274	27.4
lost to additional IX by ATV	6226	424.3
lost to ATV IX only	6889	434.1
lost to all IX	7500	451.7

Potential Interfering Stations Included in above Scenario 4

33A WI MILWAUKEE	BMPCDT	20080620ANH	CP
34A IA DAVENPORT	BPEDT	20080620AIO	CP
35A WI MILWAUKEE	BPEDT	20090310ADX	CP
34N IN SOUTH BEND	USERRECORD01		APP

Percent new IX = 0.0230%

Worst case new IX 0.0230% Scenario 4

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WNIT	SOUTH BEND IN	BLEDT	-20040106ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WHTV	JACKSON MI	191.3	APP	BPCDT	-20080620AGY
34	WHTV	JACKSON MI	164.2	PLN	DTVPLN	-DTVP1253
34	WHTV	JACKSON MI	191.3	CP MOD	BMPCDT	-20070125ACI
34	WISN-TV	MILWAUKEE WI	219.4	PLN	DTVPLN	-DTVP1275
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDT	-20050412ADP
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDT	-20050502ABC
35	WLWT	CINCINNATI OH	310.6	PLN	DTVPLN	-DTVP1300
35	WMVT	MILWAUKEE WI	216.8	CP	BPEDT	-20090310ADX
35	WMVT	MILWAUKEE WI	216.8	PLN	DTVPLN	-DTVP1308
35	WMVT	MILWAUKEE WI	216.8	LIC	BLEDT	-20041207AAK
36	WFFT-TV	FORT WAYNE IN	100.1	PLN	DTVPLN	-DTVP1322
36	WFFT-TV	FORT WAYNE IN	100.1	CP MOD	BMPCDT	-20070125ACY
36	WJYS	HAMMOND IN	123.6	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	123.6	PLN	DTVPLN	-DTVP1323
36	WJYS	HAMMOND IN	123.5	CP	BPCDT	-20080619AIZ
36	WLNS-TV	LANSING MI	191.3	PLN	DTVPLN	-DTVP1330
36	WLNS-TV	LANSING MI	191.3	CP MOD	BMPCDT	-20080618AEA
34	WMYS-LP	SOUTH BEND IN	0.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

Channel 34 Call WMYS-LP City/State SOUTH BEND IN Application Ref. No. USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WCIU-TV	CHICAGO IL	123.8	PLN	DTVPLN	-DTVP0991
27	WCIU-TV	CHICAGO IL	123.8	CP MOD	BMPCDT	-20090105ACO
31	WFLD	CHICAGO IL	123.8	CP	BPCDT	-20080616AAN
31	WFLD	CHICAGO IL	123.8	PLN	DTVPLN	-DTVP1136
31	WFLD	CHICAGO IL	123.8	LIC	BLCDT	-20050606ABF
31	WANE-TV	FORT WAYNE IN	101.9	PLN	DTVPLN	-DTVP1137
31	WANE-TV	FORT WAYNE IN	101.9	CP MOD	BMPCDT	-20080313AAW
33	NEW	CHICAGO IL	123.3	APP	BDCCDTL	-20061030ASM
33	WOHO-CA	HOLLAND MI	134.8	CP	BDFCDTA	-20060330AMF
33	WOHO-CA	HOLLAND MI	134.8	APP	BMPDTA	-20080804ADV
34	KQIN	DAVENPORT IA	350.9	CP	BPEDT	-20080620AIO
34	KQIN	DAVENPORT IA	350.9	PLN	DTVPLN	-DTVP1247
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	LIC	BLTTA	-20050308AAS
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	STA	BSTA	-20040603ACT
34	WEDE-CA	ARLINGTON HEIGHTS IL	123.8	CP	BDFCDTA	-20081014AAM
34	W34DL	CHAMPAIGN IL	229.6	CP	BDFCDTT	-20060221ACF
34	WIPX-LP	INDIANAPOLIS IN	187.5	CP	BDISDTL	-20060323AHQ
34	W57CQ	LAFAYETTE IN	147.6	APP	BPTTL	-20020814ABB
34	WBKI-LD	LOUISVILLE KY	363.1	CP	BDCCDTL	-20061030AKV
34	WHTV	JACKSON MI	190.9	APP	BPCDT	-20080620AGY
34	WHTV	JACKSON MI	163.8	PLN	DTVPLN	-DTVP1253
34	WHTV	JACKSON MI	190.9	CP MOD	BMPCDT	-20070125ACI
34	WCET	CINCINNATI OH	310.6	PLN	DTVPLN	-DTVP1263
34	WCET	CINCINNATI OH	310.6	LIC	BLEDT	-20061031AAR
34	WQHS-TV	CLEVELAND OH	374.1	LIC	BLCDT	-20031030AGJ
34	WQHS-TV	CLEVELAND OH	374.1	PLN	DTVPLN	-DTVP1264
34	WISN-TV	MILWAUKEE WI	219.4	PLN	DTVPLN	-DTVP1275
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDT	-20050412ADP
35	WNIT	SOUTH BEND IN	0.4	APP	BPEDT	-20081103ACU
35	WNIT	SOUTH BEND IN	0.4	PLN	DTVPLN	-DTVP1288
35	WNIT	SOUTH BEND IN	0.4	LIC	BLEDT	-20040106ABJ
35	WOHL-CA	LIMA OH	197.0	APP	BDISDTA	-20090210ABD
36	WFFT-TV	FORT WAYNE IN	99.9	PLN	DTVPLN	-DTVP1322
36	WFFT-TV	FORT WAYNE IN	99.9	CP MOD	BMPCDT	-20070125ACY
36	WJYS	HAMMOND IN	123.8	LIC	BLCDT	-20020801ABI
36	WJYS	HAMMOND IN	123.8	PLN	DTVPLN	-DTVP1323
36	WJYS	HAMMOND IN	123.8	CP	BPCDT	-20080619AIZ
38	WGBO-TV	JOLIET IL	123.3	CP MOD	BMPCDT	-20080618AEI
38	WGBO-TV	JOLIET IL	123.3	PLN	DTVPLN	-DTVP1360
42	WNDU-TV	SOUTH BEND IN	2.5	LIC	BLCDT	-20060717AAG
42	WNDU-TV	SOUTH BEND IN	2.5	PLN	DTVPLN	-DTVP1501
42	WNDU-TV	SOUTH BEND IN	2.5	APP	BPCDT	-20080619AAB
48	WHME-TV	SOUTH BEND IN	3.0	LIC	BLCDT	-20060109ABG
48	WHME-TV	SOUTH BEND IN	3.0	PLN	DTVPLN	-DTVP1709
48	WHME-TV	SOUTH BEND IN	3.0	APP	BPCDT	-20080619ABC
49	NEW	CHICAGO IL	123.3	APP	BSFDTL	-20060630CYR
49	WOCH-CA	CHICAGO IL	123.3	CP	BDISDTA	-20080605ABA
49	NEW	CHICAGO IL	123.8	APP	BSFDTL	-20060630AUQ
49	WBND-LD	SOUTH BEND IN	0.0	LIC	BLDTL	-20071012ATA
49	WAAA-LP	WESTVILLE IN	70.5	LIC	BLTTL	-20070621AAG

Total scenarios = 2

Result key: 72
 Scenario 1 Affected station 9 WMYS-LP
 Before Analysis

Results for: 34N IN SOUTH BEND USERRECORD01 APP
 POPULATION AREA (sq km)

Post-Transition OET-69 Interference Analysis (WMYS-LP, South Bend, IN, Channel 34) (Worst-Case Scenarios)

within Noise Limited Contour	553605	4450.2
not affected by terrain losses	553605	4450.2
lost to NTSC IX	12399	331.2
lost to additional IX by ATV	762	5.9
lost to all IX	13161	337.1

Potential Interfering Stations Included in above Scenario 1

34N IL ARLINGTON HEIGHTS	BSTA	20040603ACT	STA
34A MI JACKSON	BPCDT	20080620AGY	APP
34A WI MILWAUKEE	DTVPLN	DTVP1275	PLN
48A IN SOUTH BEND	BPCDT	20080619ABC	APP

Proposal fails scenario 1 received IX increased by 2.4%

Proposed station is MX
 34N IN SOUTH BEND USERRECORD01 APP

Proposal MX with group in scenario 1 of station 9

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

NOTES:

- THE APPLICANT, WEIGEL BROADCASTING COMPANY, LICENSEE OF WMYS-LP, HEREBY AGREES TO ACCEPT THE INTERFERENCE PREDICTED FROM WHTV-DT, JACKSON, MICHIGAN, CHANNEL 34 (FCC FILE NO. BPCDT-20080620AGY).
- ON MAY 15, 2008 THE FCC GRANTED THE EARLY TERMINATION REQUEST OF MICHIANA PUBLIC BROADCASTING CORPORATION TO TERMINATE OPERATIONS OF WNIT(TV), SOUTH BEND, INDIANA, CHANNEL 34 (SEE FCC FILE NO. BLSTA-20080307ACQ). THE ANALOG OPERATION OF WNIT(TV) ON CHANNEL 34 WAS TERMINATED EFFECTIVE JUNE 5, 2008. OBSERVATIONS BY LOCAL ENGINEERS OF WEIGEL BROADCASTING COMPANY HAVE VERIFIED THAT WNIT(TV) ANALOG OPERATIONS ON CHANNEL 34 HAVE BEEN TERMINATED. THEREFORE, NO INTERFERENCE ANALYSIS HAS BEEN INCLUDED WITH RESPECT TO THE WNIT(TV) ANALOG FACILITY ON CHANNEL 34.